

The paper analyzes the features of internal algorithms implementation for managing the main computer resources (processors, memory, devices), discusses the difference between the corresponding hardware platforms.

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FOREIGN EXPERIENCE IN FORMATION OF CHILDREN'S PLAYGROUNDS

Daria Balo, PhD degree student

Galyna Osychenko, Associate Professor, Doctor of Science (Architecture),
Research Advisor

Olena Iliencko, Associate Professor, PhD (Philology), Language Consultant
O. M. Beketov National University of Urban Economy in Kharkiv

Children's playgrounds were and continue to be a necessary component of the modern urban life, an important element in the improvement of residential areas. Development of children depends on the subject-spatial and surrounding environment, affecting various aspects of growing up: moral, physical and cultural. Built during the Soviet period, playgrounds and parks do not meet the modern criteria of the urban environment.

Exploring the foreign experience of landscape architects and designers who are engaged in the creation of children's playgrounds in the modern urban environment, it is necessary to highlight an original integrated approach to preliminary research work done before designing and building. A striking example of this approach is the formation of children's non-standard game environments in Sweden. Landscape designer Anna Lenninger notes that the main issues that concern the Swedish landscape design specialists regarding the child are:

How he/she interacts with other children and adults in different environments.

How he/she thinks, in which direction his/her imagination and research activities develop.

How the child moves, what places and physical objects are interesting for the child.

In order to answer all these questions, professionals work together with doctors, psychologists and educators. For a long time they have been observing children playing in the conditions of the city and in nature areas.

Landscape design is a means of achieving certain qualities of a children's developmental gaming environment and is aimed at creating an atmosphere friendly for the development of children, cultivating diverse forms of gaming activity, creating a space favorable for the development of free playing. The forms and types of games largely depend on the place where they occur. The game is

understood as a set of time and space where children can be independent and realize their ideas.

Abroad, landscape architects and designers make an extensive use of the rubber coating Playtop (England). Playtop was designed to protect children from injury. Multi-colored coatings for playgrounds Playtop have been used for more than 30 years, and their use allows to create bright and safe landscapes. Game landscape is an artificial red-orange soft game slides located in Stockholm city park.

Abroad, similar children's playgrounds are designed for healthy children and children with disabilities. Children's playground in The Hague is equipped with various tactile elements for all manner of games. Cross routes allow children with different abilities to meet, play and help each other. This new site is located among the existing natural and artificial hills, and is made in the form of a red "blanket" folded in geometrical rucks.

In Amsterdam, in the Potgieterstraat area a Play Street playground was created in one of the streets. The whole street is blocked off by cars, but the way is allowed for cyclists. The original design of the playground was made by the Carve Landscape Studio. Instead of traditional swings, chutes, exercise equipment landscape architects chose to create a rolling configuration. The new playground is covered with a special rubberized coating that muffles the sounds and is safe for children as it prevents injuries. In some hills there are pits, made especially for games.

The Bijlmerpark Sports Park is the main park in the Southeast district of Amsterdam "Bijlmermeer". This multifunctional park is a play strip consisting of artificial pink hills and special equipment for children to move around on their hands, climb along special chains, etc.

In Sydney, Australia, the Blaxland Riverside Park is a playground for children of regional importance and a part of the Sydney Olympic Parkland recreation area. It is a game zone and a well-developed infrastructure part. The area is surrounded by all kinds of kiosks, snack bars, sanitary blocks and parking lots. The main idea for the playground is the use natural forms found in nature with game elements embedded. A two-hundred-meter-old man-made hill, 3 m high, equipped with all kinds of climbing poles, slides, tunnels is located opposite three natural hills.

The design of playgrounds abroad is aimed at creative games in the environment that establishes a connection with the natural systems that vary with the season. Artistic modeling of the relief of the playgrounds allows to create game landscapes that are integrated into the environment. An active use of color harmonizes the subject-spatial environment of the game spaces. Non-standard game elements make the game of children more inventive; stimulate imagination, exploration and physical activity.

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A NEW CONCEPT OF OPERATING MODEL OF RAILWAY TRANSPORT FOR SINGLE WAGON LOAD AND GROUP DEPOSITS FOR RAILWAY TRANSPORT OF UKRAINE

Natalia Bantyukova, student

Svitlana Donets, Assistant Professor, PhD

Andriy Prokhorchenko, Assistant Professor, PhD

Ukrainian State University of Railway Transport

A new concept of operating model of railway transport for single wagon load and group deposits for railway transport of Ukraine.

In the conditions of crisis phenomena with the economy of Ukraine there are structural changes in demand for freight transport by rail for the carrier Ukrainian Railway. Against the background of competition with road transport, carriage and group shipments become uncompetitive and unprofitable for rail transport. The volumes of transportation are reduced and entail a reorientation of railroad customers to motor transport. So, in order to change the situation on the market, it is important to apply a new concept of the operational model of rail transportation for carriage and group shipments. One of the best practices is the organization of single wagon load and group shipments by the carrier company «SBB Cargo» on the Swiss railways.

In 2017, the management of «SBB Cargo» confirmed that the model of organization of single wagon load, is a strategic business of the company. The company has developed the concept of "Wagonload Transport 2017" along with 30 the main shippers. From the middle of December 2016 a new schedule of trains was introduced, which foresees the movement of train formations between the main sorting stations of the country with the division of the day into phases. Formation of wagons and group shipments to trains and their movement on the network takes place on the basis of a decrease in the impact on the peak phases of passenger trains. For freight traffic a new schedule is created with daily three phases (early